



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005



Job No.: CTCE/BBMP/W.No.14/KRIDL/GSB-1/GR/2015-16

Date : 13.01.2016

GRADATION FOR GSB-I (CLOSE GRADED)

IS: 2720 (Part 4)

Customer : Asst. Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Technical Manager (West), KRIDL, Bangalore.

Name of work : Improvements and Asphaltting to Coconut Garden Layout roads of Manjunatha Nagara in Bagalagunte in Ward No.14, BBMP, Bangalore.

Reference : EE/DD/WO/449/2012-13 Dated: 08.03.2013

Date of Testing : 13.01.2016



Sample Source : GSB Mix Plant Bangalore.

Oven Dry Wt (gm) : 9965

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified Limits
75.0	0	0	0.00	100	100
53.0	250	250	2.51	97.49	80-100
26.50	2515	2765	27.75	72.25	55-90
9.50	2150	4915	49.32	50.68	35-65
4.75	2000	6915	69.39	30.61	25-55
2.36	900	7815	78.42	21.58	20-40
0.425	800	8615	86.45	13.55	10-25
0.075	900	9515	95.48	4.52	3-10
PAN	450				
Total	9965				



Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading I

Note:

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Sample Source : GSB Mix Plant Bangalore.

Oven Dry Wt (gm) : 9505

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified Limits
75.0	0	0	0.00	100	100
53.0	210	210	2.21	97.79	80-100
26.50	2605	2815	29.62	70.38	55-90
9.50	1580	4395	46.24	53.76	35-65
4.75	2010	6405	67.39	32.61	25-55
2.36	1025	7430	78.17	21.83	20-40
0.425	825	8255	86.85	13.15	10-25
0.075	850	9105	95.79	4.21	3-10
PAN	400				
Total	9505				



Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading I

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Reference : EE/DD/WO/449/2012-13 Dated: 08.03.2013
Date of Testing : 13.01.2016



Sample Source : GSB Mix Plant Bangalore.

Oven Dry Wt (gm) : 9410

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified Limits
75.0	0	0	0.00	100	100
53.0	155	155	1.65	98.35	80-100
26.50	2185	2340	24.87	75.13	55-90
9.50	2000	4340	46.12	53.88	35-65
4.75	1980	6320	67.16	32.84	25-55
2.36	1020	7340	78.00	22.00	20-40
0.425	900	8240	87.57	12.43	10-25
0.075	820	9060	96.28	3.72	3-10
PAN	350				
Total	9410				



Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading I

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Reference : EE/DD/WO/449/2012-13 Dated: 08.03.2013
Date of Testing : 13.01.2016



Sample Source : GSB Mix Plant Bangalore.

Oven Dry Wt (gm) : 9455

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified Limits
75.0	0	0	0.00	100	100
53.0	160	160	1.69	98.31	80-100
26.50	2170	2330	24.64	75.36	55-90
9.50	2010	4340	45.90	54.10	35-65
4.75	1895	6235	65.94	34.06	25-55
2.36	1050	7285	77.05	22.95	20-40
0.425	955	8240	87.15	12.85	10-25
0.075	850	9090	96.14	3.86	3-10
PAN	365				
Total	9455				



Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading I

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